

WEST**End of Result Set****Generate Collection**

L1: Entry 1 of 1

File: DWPI

Aug 16, 2000

DERWENT-ACC-NO: 1999-011474

DERWENT-WEEK: 200047

COPYRIGHT 2001 DERWENT INFORMATION LTD

TITLE: Ophthalmic lenses protective coating application process - involves detecting presence of lens on tray before passing tray into chamber to be coated and then into drying section to be dried

INVENTOR: MARIAS ALBRICH, L M; MORENO VIDALES, B ; PEREZ AGUDO, J ; SANTIAGO PALMERO, A

PATENT-ASSIGNEE:

ASSIGNEE

CODE

INDO INT SA

INDON

PRIORITY-DATA: 1997ES-0001207 (June 3, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
ES 2137848 B1	August 16, 2000	N/A	000	B05B013/00
EP 882518 A2	December 9, 1998	E	007	B05B013/02
ES 2137848 A1	December 16, 1999	N/A	000	B05B013/00
US 6033718 A	March 7, 2000	N/A	000	B05D005/06

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
ES 2137848B1	June 3, 1997	1997ES-0001207	N/A
EP 882518A2	May 19, 1998	1998EP-0500123	N/A
ES 2137848A1	June 3, 1997	1997ES-0001207	N/A
US 6033718A	May 19, 1998	1998US-0081079	N/A

INT-CL (IPC): B05B 12/12; B05B 13/00; B05B 13/02; B05C 11/00; B05D 1/02; B05D 5/06; G02B 1/10

ABSTRACTED-PUB-NO: EP 882518A

BASIC-ABSTRACT:

The process involves the use of at least one tray (7) for carrying at least one lens disc to which a protective coating is to be applied. The tray carrying at least one lens disc is positioned on a conveyor belt. The tray is brought to a halt for a first time opposite a first sensor (15) for detecting the presence of a lens. The first sensor is able to detect the number of lens discs carried on the tray.

The tray carrying at least one lens disc is introduced into a coating chamber (4) with a coating material diffuser system. The tray is brought to a halt for at

least a second time, and each time leaves one of the lens discs carried on the tray opposite the diffuser system. Next the coating material is sprayed over the lens disc opposite the diffuser system. The tray carrying the disc or discs is then introduced into a drying section (3) that has a ventilation system (18). Finally the tray is subjected to the ventilation system.

ADVANTAGE - Process is completely automated. Inexpensive protective substance is easy to apply and remove. Uniform and controlled application of surface layer of lacquer guarantees correct performance of lacquer.

ABSTRACTED-PUB-NO:

US 6033718A

EQUIVALENT-ABSTRACTS:

The process involves the use of at least one tray (7) for carrying at least one lens disc to which a protective coating is to be applied. The tray carrying at least one lens disc is positioned on a conveyor belt. The tray is brought to a halt for a first time opposite a first sensor (15) for detecting the presence of a lens. The first sensor is able to

detect the number of lens discs carried on the tray.

The tray carrying at least one lens disc is introduced into a coating chamber (4) with a coating material diffuser system. The tray is brought to a halt for at least a second time, and each time leaves one of the lens discs carried on the tray opposite the diffuser system. Next the coating material is sprayed over the lens disc opposite the diffuser system. The tray carrying the disc or discs is then introduced into a drying section (3) that has a ventilation system (18). Finally the tray is subjected to the ventilation system.

ADVANTAGE - Process is completely automated. Inexpensive protective substance is easy to apply and remove. Uniform and controlled application of surface layer of lacquer guarantees correct performance of lacquer.

CHOSEN-DRAWING: Dwg.1/2

TITLE-TERMS: OPHTHALMIC LENS PROTECT COATING APPLY PROCESS DETECT PRESENCE LENS TRAY PASS TRAY CHAMBER COATING DRY SECTION DRY

DERWENT-CLASS: P42 P81

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1999-008652

WEST

End of Result Set



Generate Collection

L2: Entry 1 of 1

File: DWPI

Aug 22, 2000

DERWENT-ACC-NO: 2000-671735

DERWENT-WEEK: 200065

COPYRIGHT 2001 DERWENT INFORMATION LTD

TITLE: Application of lubricious coating to articles, i.e. catheter, glove or contact lens, involves painting a solution of water-soluble polymer, coating the article, immersing the article in water, and cleanly lifting the two coatings

INVENTOR: BEAVERS, E M; PERVIN, E G

PATENT-ASSIGNEE:

ASSIGNEE

CODE

BIOCOAT INC

BIOCIN

PRIORITY-DATA: 1998US-0096288 (June 11, 1998)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

US 6106889 A

August 22, 2000

N/A

005

B05D001/32

APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

US 6106889A

June 11, 1998

1998US-0096288

N/A

INT-CL (IPC): B05D 1/32; B05D 3/00

ABSTRACTED-PUB-NO: US 6106889A

BASIC-ABSTRACT:

NOVELTY - A lubricious coating is applied to articles by painting a solution of a water-soluble polymer to form a first coating; coating the entire article with a solution which forms a lubricious second coating; immersing the article in water for a time to loosen the first coating; and cleanly lifting off the two coatings.

USE - For applying a lubricious coating to articles especially medical products and/or medical devices, e.g., catheter, glove or contact lens.

ADVANTAGE - The invention is economical, practical and effective. It improves the quality and utility of medical devices without increasing their cost.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: APPLY COATING ARTICLE CATHETER GLOVE CONTACT LENS PAINT SOLUTION
WATER SOLUBLE POLYMER COATING ARTICLE IMMERSE ARTICLE WATER CLEAN LIFT TWO COATING

DERWENT-CLASS: A11 A32 A96 D22 P42

CPI-CODES: A03-A; A03-A04A1; A08-M03; A10-E24; A11-B05D; A11-C04B; A12-C02A;
A12-V02; A12-V03; D09-C01A; D09-C04D;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 018 ; R06563 G3678 G3634 G3623 P0599 D01 D03 D11 D10 D23 D22
D31 D42 D50 F24 F26 F34 H0293 ; S9999 S1616 S1605 Polymer Index [1.2] 018 ; ND07 ;
B9999 B3521*R B3510 B3372 ; N9999 N7147 N7034 N7023 ; N9999 N7090 N7034 N7023 ;
Q9999 Q8048 Q7987 ; Q9999 Q8026 Q7987 ; Q9999 Q7078 Q7056 ; Q9999 Q8297 Q8286
Q8264 ; N9999 N6337*R ; B9999 B5414*R B5403 B5276 Polymer Index [1.3] 018 ; A999
A340*R Polymer Index [2.1] 018 ; G3703 G3623 P0599 D01 ; M9999 M2788 ; S9999 S1616
S1605 Polymer Index [2.2] 018 ; ND07 ; B9999 B3521*R B3510 B3372 ; N9999 N7147
N7034 N7023 ; N9999 N7090 N7034 N7023 ; Q9999 Q8048 Q7987 ; Q9999 Q8026 Q7987 ;
Q9999 Q7078 Q7056 ; Q9999 Q8297 Q8286 Q8264 ; N9999 N6337*R ; B9999 B5414*R B5403
B5276 Polymer Index [2.3] 018 ; S* 6A ; H0157 Polymer Index [2.4] 018 ; A999
A340*R

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2000-203478

Non-CPI Secondary Accession Numbers: N2000-497912